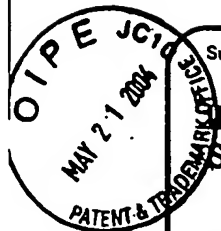


Please type a plus sign (+) inside this box → +

PTO/SB/Q&A (10-96)

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1

of

2

### Complete If Known

Application Number	10748,920
Filing Date	December 29, 2003
First Named Inventor	
Group Art Unit	2834
Examiner Name	
Attorney Docket Number	GE RD 29,129

### U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			

### FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sub>6</sub>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
W	A		WO 00/5001		The Secretary of State for Defense	02/03/2000	Entire Patent	B06B 1/02
W	B		WO 02/39782	A2	Sensant Corporation	05/16/2002	Entire Patent	H04R 17/00
W	C		WO 02/039782	A3	Sensant Corporation	05/16/2002	Entire Patent	B06B 1/02
W	D		WO 01/23105	A1	The Board of Trustees of the Leland Stanford Junior University	04/05/2001	Entire Patent	B06B 1/02
W	E		WO 03/051530	A1	Koninklijke Philips Electronics N.V.	06/26/2003	Entire Patent	B06B 1/02
W	F		WO 03/059170	A1	Acuson Corporation	07/24/2003	Entire Patent	A61B 8/00
W	G		WO 01/97559	A2	Koninklijke Philips Electronics N.V.	12/20/2001	Entire Patent	H04R 1/00
W	H		WO 01/97559	A3	Koninklijke Philips Electronics N.V.	12/20/2001	Entire Patent	B06B 1/02
W	I		WO 01/97562	A2	Koninklijke Philips Electronics N.V.	12/20/2001	Entire Patent	H04R 17/00

Examiner Signature

*[Handwritten Signature]*

Date Considered

9/1/04

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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Sheet	2
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of

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Attorney Docket Number

**Complete if Known**

Application Number

**10/748,920**

Filing Date

**December 29, 2003**

First Named Inventor

### Group Art Unit

2834

**Examiner Name**

**GE RD 29,129**

## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

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<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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## ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of  
Invention

MICROMACHINED ULTRASONIC TRANSDUCER CELLS  
HAVING COMPLIANT SUPPORT STRUCTURE

Application Number: 10/748920



Confirmation Number: 8403

First Named Applicant: Lowell Smith

Attorney Docket Number: RD29129

Search string: ( 5146435 or 5452268 or 5527741 or 5569968  
or 5596222 or 5619476 or 5684324 or 5870351  
or 5894452 or 5982709 or 6004832 or 6038928  
or 6140143 or 6239482 or 6242282 or 6262946  
or 6271620 or 6292435 or 6295247 or 6320239  
or 6328696 or 6328697 or 6359367 or 6381197  
or 6430109 or 6443901 or 6445109 or 6474786  
or 6493288 or 6562650 or 6571445 or 6676602  
or 20010043028 or 20010043029 or  
20020048219 or 20030048698 or  
20030103412 ).pn.

### US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
WT	1	5146435	1992-09-08	Bernstein			367/181
WT	2	5452268	1995-09-19	Bernstein			367/181
WT	3	5527741	1996-06-18	Cole et al.			437/209
WT	4	5569968	1996-10-29	Lal et al.			310/322
WT	5	5596222	1997-01-21	Bernstein			257/620
WT	6	5619476	1997-04-08	Haller et al.			367/181
WT	7	5684324	1997-11-04	Bernstein			257/415
WT	8	5870351	1999-02-09	Ladabaum et al.			367/163
WT	9	5894452	1999-04-13	Ladabaum et al.			367/163
WT	10	5982709	1999-11-09	Ladabaum et al.			367/170
WT	11	6004832	1999-12-21	Haller et al.			438/50
WT	12	6038928	2000-03-21	Maluf et al.			73/724

WT	13	6140143	2000-10-29	Christel et al.
WT	14	6239482	2001-05-29	Fillion et al.
WT	15	6242282	2001-06-05	Fillion et al.
WT	16	6262946	2001-07-17	Khuri-Yakub et al.
WT	17	6271620	2001-08-07	Ladabaum
WT	18	6292435	2001-09-18	Savord et al.
WT	19	6295247	2001-09-25	Khuri-Yakub et al.
WT	20	6320239	2001-11-20	Eccardt et al.
WT	21	6328696	2001-12-11	Fraser
WT	22	6328697	2001-12-11	Fraser
WT	23	6359367	2002-03-19	Sumanaweera et al.
WT	24	6381197	2002-04-30	Savord et al.
WT	25	6430109	2002-08-06	Khuri-Yakub et al.
WT	26	6443901	2002-09-03	Fraser
WT	27	6445109	2002-09-03	Percin et al.
WT	28	6474786	2002-11-05	Percin et al.
WT	29	6493288	2002-12-10	Khuri-Yakub et al.
WT	30	6562650	2003-05-13	Ladabaum
WT	31	6571445	2003-06-03	Ladabaum
WT	32	6676602	2004-01-13	Barnes et al.

438/53  
 257/678  
 438/106  
 367/181  
 310/334  
 367/138  
 367/140  
 257/45  
 600/459  
 600/459  
 310/309  
 367/178  
 367/181  
 600/459  
 310/324  
 345/54  
 367/181  
 438/53  
 21/25.25  
 600/443

## US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
WT	1	20010043028	2001-11-22	Ladabaum		310/334	
WT	2	20010043029	2001-11-22	Ladabaum		310/334	
WT	3	20020048219	2002-04-25	Ladabaum et al.		367/162	
WT	4	20030048698	2003-03-13	Barnes et al.		367/181	
WT	5	20030103412	2003-06-05	Ladabaum et al.		367/162	

Signature

Examiner Name	Date
<i>Ami Tan</i>	7/1/05